

POLYSTAR INCORPORATED



*Camel® in
Military Use*

*Camel® in a Commercial
Airport Application*

*Camel Tri-Star®
Assembly*

*One-Piece
Containment Pad™*

*Camel Tri-Star®
with Canopy*

Camel®

Camel Tri-Star®

Containment Pad™

Secondary
Containment Systems

*Camel Tri-Star®
Preferred in Military and
Commercial Applications Worldwide*

THE LEADER IN ENGINEERING, MANUFACTURING AND CONSTRUCTION OF SECONDARY CONTAINMENT SYSTEMS



Polystar Camel®

Affordable Modular Drive-in Containment Systems that offer Maximum Flexibility



Commercial and Military applications alike can benefit greatly from Camel's modular and portable design



The CAMEL® is a modular secondary containment system which contains incidental spills of liquids that occur during truck transfer operations. Engineered for strength and flexibility, the CAMEL can be installed on a variety of solid substrates and applications and offers permanent storage with maximum flexibility! Our surface mounted, modular design can be resized and/or relocated at any time. It is ideal for bulkhead loading/unloading, fuel stands, maintenance yards, vehicle parking areas, operational centers and wash pads. Most importantly, whenever hazardous liquids are transferred by tank truck, the CAMEL provides superior spill containment. For an even heavier duty system see the CAMEL Tri-Star system.

Fiberglass Composite Materials provides superior performance in a light weight construction

Each CAMEL System is manufactured from heavy duty, 1" thick fiberglass composite materials. The CAMEL features a dual laminate fiberglass composite structure.

The finished structure offers lightweight construction with superior load bearing capabilities. Long term durability and superior corrosion resistance is assured by the CAMEL System's innovative fiberglass composite construction. This also provides for flexibility in cold or hot weather and in moist environments.

The CAMEL System is shipped as a series of pans with slip fit joints. This innovative design means that a system of variable length can be easily installed by simply increasing the number of pans.

Installation consists of 4 easy steps:

- Slip fit half of the sections end-to-end to create one-half of the CAMEL System.
- Position the two mirror image halves side-by-side and secure with heavy-duty nuts and bolts.
- Install steel ramp set(s).
- Secure to the substrate via steel hold-downs.

Sectional joints and the center wall joint are sealed with a gasket, caulk, or fiberglass bonding as is appropriate.

Polystar CAMEL Systems: The foundation for superior secondary containment

Polystar CAMEL System can be custom designed to meet special requirements. Special filter drain systems are also available to pull out hydrocarbons while allowing removal of rainwater from the system. With minimal site preparation, no excavation, fast, clean installation, immediate use, non-porous design, superior chemical resistance and portability, the CAMEL System has many advantages over other containment systems. Best of all, since all of our products are engineered and built right here in the U.S.A., our skilled employees can assist you in every phase of your secondary containment project, including installation and assembly. For more information on Polystar CAMEL Systems and our full line of secondary containment systems call us today at **800-275-3453**. Or visit us online at www.polystarcontainment.com.



Custom designed for special containment needs

With CAMEL's standard dimensions of 20' long by 6', 7' or 8' widths, multiple panels can be joined together to create containment systems of any length or width required.



Wash Rack Conversion Kit increases overall functionality

The CAMEL Wash Rack Conversion Kit includes the installation of floor drains with steel grate covers that fit flush to the CAMEL deck.



Custom turnout entrances make loading larger tankers a snap

A specially designed angled end portion of the CAMEL allows for additional widths of ramps to be added for a wider turnout entrance area. Line of sight markers help the driver to easily maneuver large tankers into the CAMEL.



Rugged construction provides long lasting performance

All flush drive-over seams are sealed with a gasket or caulk before it is bolted with 1/2" heavy duty nuts and bolts. Overlapping joints on the CAMEL can be fiberglassed over for additional sealing and enhanced containment.



Polystar Camel Tri-Star®

The Indestructibly Strong Tank Truck Drive-in Containment System



From wash racks to fuel leak collection
Camel Tri-Star is engineered to
excel in any application



The CAMEL Tri-Star® is a modular secondary containment system which contains incidental spills of liquids that occur during truck transfer operations. The Tri-Star is a Camel "hybrid" designed for indestructible strength and longer life. Tri-Star is a standard for military and other heavy duty applications where hard use in field operations and training sites is a common occurrence.

Unique Tri-Linear Construction provides superior performance

The Tri-Star's side walls are a unique tri-linear design. Steel plate is welded at a 45° angle to the floor and wall, making the side walls into triangular tubes. For maximum structural support, steel gussets are welded underneath the steel plate along the entire wall length. This design prevents the side walls from being damaged even if a fully loaded fuel tanker accidentally drives over them during system entry or exit. The entire system is laminated with tough, corrosion and heat resistant fiberglass for maximum protection and long life.

CAMEL Tri-Star Systems are manufactured in 20' long x 7'3" wide sections. Outside wall height is 8" in all cases.

Installation consists of 4 easy steps:

- Slip fit half of the sections end-to-end to create one half of the Camel Tri-Star System.
- Bolt the two halves together.
- Seal the sectional jointures.
- Install the steel ramp(s).

Fiberglass offers excellent physical strength, corrosion resistance and flexibility. The ability of our CAMEL Tri-Star systems to absorb high levels of static and dynamic loading provides positive assurance of spill protection and long term performance in the field.

Tri-Star Ramps provide back-in or drive-through capability

Tri-Star ramps are super-duty, corrosion resistant and simple to use. Manufactured from heavy duty steel, Tri-Star ramps provide easy access to the CAMEL Tri-Star.

Polystar CAMEL Tri-Star Systems: American Ingenuity hard at work

Minimal site preparation, no excavation, fast, clean installation, immediate use, non-porous design, superior chemical resistance and portability are only some of the many CAMEL Tri-Star advantages. Since all of our products are engineered and built right here in the U.S.A., our skilled employees can assist you in every phase of your secondary containment project, including installation and assembly. For more information on CAMEL Tri-Star Systems and our full line of Secondary Containment Systems call us today at **800-275-3453**. Or visit us online at www.polystarcontainment.com.



Easily expand capacity between systems

Systems may be plumbed together to share capacity for larger volume vehicles.



Surface Mounted Canopies protect against the elements

Keep out the wind, rain, snow and ice. These standalone canopies attach directly to the tri-linear wall structure with no ground penetration. Built to the various size configurations, these 15 foot high canopies can protect against 80 mph wind!



Virtually indestructible side walls provide years of worry-free performance

With its ability to withstand high levels of static and dynamic loading, the tri-linear design of the low profile side walls assure long term durability and secure containment.



Heavy Duty Loading Ramps ease entry and exit

Tri-Star Ramps are super-duty, corrosion resistant and easy to install. Created using heavy duty steel and utilizing a honeycomb concept, Polystar ramps provide easy access in and out of our systems.

Polystar. Proud to be the Best.

Polystar has designed, manufactured and installed corrosion resistant secondary containment systems for over 20 years.

The need for these products to have both structural integrity and non-porous corrosion resistance led us to integrate and perfect the use of fiberglass reinforced plastics into our product line. Structural fibers combined with the correct resin system offer less structural fatigue, thermal expansion and thermal transfer than alternative materials. At the same time, this combination provides superior corrosion resistance, structural strength and product longevity than alternatives.

Our use of composite plastic materials in innovative ways has put us at the forefront of the secondary containment industry. Today, we continue to develop new products and manufacturing techniques to keep us at the forefront and to provide you with the best in secondary containment systems.

Our superior product design and manufacturing expertise is proven by the daily use of our systems by the U.S. military, state governments and numerous industrial customers world-wide. Nowhere else can you find a wider range of products that have larger or stronger components engineered for heavy duty use under extreme conditions.

Polystar is an original equipment manufacturer - NOT a subcontractor. All of the products we sell are designed, engineered and manufactured at our facility in Northeast Ohio. Our products are made in America by Americans. Our knowledgeable and skilled employees will assist you in every phase of your secondary containment project, including in many cases, assembly and installation.

We are proud to be an American company providing the best secondary containment systems in the world. If you are looking for security and peace of mind in a secondary containment system, look no further than Polystar.



Our full line of secondary containment products include:

- Camel®
- Camel Tri-Star®
- Containment Pad™
- Star Track®
- Poly Dike™
- Poly Tub™
- Poly Curb™
- Bladder Dike®



Containment Pad™

The Low Profile, High Performance Containment System



Single, stand alone pads and larger modular units all contain a rugged construction of steel plate coated in fiberglass lamination.



The Containment Pad™ is a heavy duty, "low profile", drive on system designed to contain incidental spills of hazardous liquids. Since it is surface mounted, it will not crack like traditional concrete systems. The Containment Pad is designed to stand alone or it can be coupled with additional Pads to form larger configurations for additional capacity.

The low profile, Tri-Linear design combines ease of loading with superior strength

Each Polystar Containment Pad's construction consists of steel plate encapsulated in a fiberglass lamination. This combination of fiberglass and steel provides exceptional strength and unsurpassed durability. A gel coat surface resin for flame retardance and U.V. protection is included and adds to the Containment pad's superior performance capability.

Our "Low Profile" Containment pads will accommodate both large tanker trucks or low clearance passenger cars and fuel bowsters. The tri-linear side walls are formed from an angular, composite, steel-cored, heavy duty stealth shape that prevents damage when driven over by heavy vehicles.

Designed to fulfill a variety of containment needs

Polystar Containment Pads are the ideal choice for fuel dispensing applications where a wide variety of vehicle types might use the system. In other applications, Incidental spills and drips are safely captured when these pads are used under generators, hydraulic mules, or other pieces of messy equipment. Its modular design allows it to be utilized in a wide variety of containment situations from small to very large.

Every Containment Pad is equipped with one or more threaded drain ports. These ports can be equipped with ball valves and filters

that allow rainwater to drain freely, but absorb hydrocarbons. Floor drains can easily be installed on Polystar Containment Pads if your application requires them.

Polystar Containment Pads: Engineering and Support that works hard so you won't have to

Minimal site preparation, no excavation, fast, clean installation, immediate use, non-porous design, superior chemical resistance and portability are only some of the many Polystar Containment Pad advantages. Best of all, since all of our products are engineered and built right here in the U.S.A., our skilled employees can assist you in every phase of your containment pad project, including installation and assembly. For more information on Polystar Containment Pads and our full line of Secondary Containment Systems call us today at **800-275-3453**. Or visit us online at www.polystarcontainment.com.



Optional Steel Filter Berms provide worry-free filtering. When Hydrocarbons are released, Optional Filter Berms secured to drain posts quickly capture contaminants, but allow rainwater to pass through.



Virtually indestructible side walls provide years of worry-free performance. With its ability to withstand high levels of static and dynamic loading, the tri-linear design of the low profile side walls assure long term durability and secure containment. Our Containment Pad walls have yet to fail.



Modular design provides secure small areas to large scale containment. The modular containment pad can be constructed as a seamless containment surface up to 10' x 30' or into much larger containment areas by coupling together several pads with water tight, bolt together overlapping joints.



Keep your work site organized and contained. The Containment Pad, available in several sizes, is also ideal for localized containment of drums, pails or equipment. Shown with optional safety chain kit.



*The impenetrable shield of
secondary containment security
can only be provided by Polystar.*

*Polystar Products are made
in America, by Americans.*

*We are committed to bringing
you the most advanced, best
engineered, and highest quality
secondary containment systems
in the world. When you see the
Polystar shield, you know you
have the best.*



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